



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D1038-58B
Job Sheet 184221



Part No: D1038-58B

Job Qty: 50 pcs

Part Name: Avionics Fastener Rail



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/3/18

Job Tracking No:

Due Date: 10/19/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV B IPP: E 03.05.02 Reformat; Added label KJ/RF IPP Rev:F 06-08-16 Updated Packaging
Procedures JLM IPP Rev:G 08-09-16 Added Folio # JLM Verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	50 Ea	10/19/18	10/19/18	0.00	0.00	Start Up Machining-1		mar L 18/10/21
110	Bandsaw	50 pcs	10/19/18	10/19/18	0.00	0.77	Bandsaw1		11
120	CNC Vertical Machining	50 pcs	10/19/18	10/19/18	0.03	8.26	HAAS1-1		11
130	QC	50 pcs	10/19/18	10/19/18	0.00	0.00	QC2 Machining-1		11
140	QC	50 pcs	10/19/18	10/19/18	0.00	0.00	QC8 Machining-1		mar 18/10/23
150	Small Fab	50 pcs	10/19/18	10/19/18	0.00	12.25	Small Fab-1		Mac 38
160	QC	50 pcs	10/19/18	10/19/18	0.00	0.00	QC5		38
165	HandFinish	50 pcs	10/19/18	10/19/18	0.00	0.00	HandFinish		9-88
170	Outsource	50 pcs	10/19/18	10/19/18			ATG001-VC	8	6219-01-08
180	Packaging	50 pcs	10/19/18	10/19/18	0.00	0.00	Packaging2		JAN 16 2019
190	QC	50 pcs	10/19/18	10/19/18	0.00	0.00	QC3		DAS 38
200	Small Fab	50 pcs	10/19/18	10/19/18	0.00	12.25	Small Fab-1		36 9-88 DAS
210	QC	50 pcs	10/19/18	10/19/18	0.00	0.00	QC5		FEB 07 2019 68
220	Packaging	50 pcs	10/19/18	10/19/18	0.00	0.00	Packaging3-1		21 FEB 17 2019
230	QC21-FG	50 Ea	10/19/18	10/19/18	0.00	0.00	QC21		21 FEB 17 2019
235	DC	50 pcs	10/19/18	10/19/18	0.00	0.00	DC		21 FEB 17 2019

Part Op 110 - Cut extrusion D2023 to length 21.81" (+0.06/-0.00)

Descriptions: 120 - 1- Mill as per Folio FA783 Rev: _____ & Dwg D1038 Rev: _____ 2-Deburr per dwg D1038

150 - Deburr

165 - Clean rail from all marking using acid etch and scotch brite before sending to get anodize

170 - Issue P/O: 042500 Black Anodize as per Dwg D1038

200 - 1-Stake .050 stainless steel wire per Dwg D1038-58 using DT8389 Batch: M128063 2-Grind wire flush and deburr 3-Clean

220 - 1-Pack each fastener rail into a cardboard tube 2-Roll Part in foam . 3-Install red cap at each end and secure with tape. 4-Apply white labels to cardboard tubes 5-Identify and Stock Location: FG120A

235 - Create white labels and bag them

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2023	Extrusion, Fastener Rail	95.1500 ft (1.903 ea)	90-Start up Operation	F116800 = 911.75

Job Allocations

FEB 11 2019

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																																													
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Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D2023	95	3,857	0
Part Specifications				
Specifications could not be found.				

Plex 10/3/18 2:24 PM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					



Container No: S119998



Part: D1038-58B

Job No: 184221

Serial No/Batch: S119998

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace
1270 Aberdeen St. 13-
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 813 632-6200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 10/21/18



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042200



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO042200
PO Date: 1/8/19
Due Date: 1/15/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
①	184221	D1038-58B	Avionics Fastener Rail : Various STC's Issue P/O: _____ Black Anodize as per Dwg D1038	Firmed	-	1/15/19	50 pcs	0 pcs	50 pcs	\$1.75/pcs	\$87.50
							50 X JAN 16 2019				
②	185729	D5351-1	T-Bolt Spacer : Various STC's ANODIZE BLACK AS PER DWG D5351 NOTE 2 ISSUE P.O: _____ POSSIBLE SUPPLIER :ATG	Firmed	-	1/15/19	50 pcs	0 pcs	50 pcs	\$0.80/pcs	\$40.00
							50 X JAN 16 2019				
③	185054	D5237-1	Bracket : Various STC's Issue P/O to ATG: _____ ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2 Certification of Conformity is required	Firmed	-	1/15/19	11 pcs	0 pcs	11 pcs	\$2.35/pcs	\$25.85
							11 X JAN 16 2019				
④	187700	RB23007615-21	Guide -Issue P/O: _____ -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	1/15/19	20 pcs	0 pcs	20 pcs	\$0.95/pcs	\$19.00
							20 X JAN 16 2019				
Grand Total:											\$172.35



Dart Aerospace Ltd.
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Canada

Tel (613) 632-5200

PURCHASE ORDER PO042200



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/9/19 8:10 AM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(015772-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

015772 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
15-Jan-2019		Aman		042200				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	D1038-58B Rev.	D1038-58B 01 -ANO-BLACK [ANODIZE BLACK]	ANODIZE CH	50	50	0	0	0
2	D5351-1 Rev.	D5351-1 01 -ANO-BLACK [ANODIZE BLACK]	ANODIZE CH	50	50	0	0	0
3	D5237-1 Rev.	D5237-1 01 -ANO-BLACK [ANODIZE BLACK] MIL-A-8625F TYPE 2 CLASS 2	ANODIZE CH	11	11	0	0	0
4	RB23007615-21 Rev.	RB23007615-21 01 -ANO-BLACK [ANODIZE BLACK] MIL-A-8625F TYPE 2 CLASS 2	ANODIZE CH	20	20	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.